

# Motorola 52<sup>nd</sup> St. Superfund Site and Meeting Overview Dec 2010

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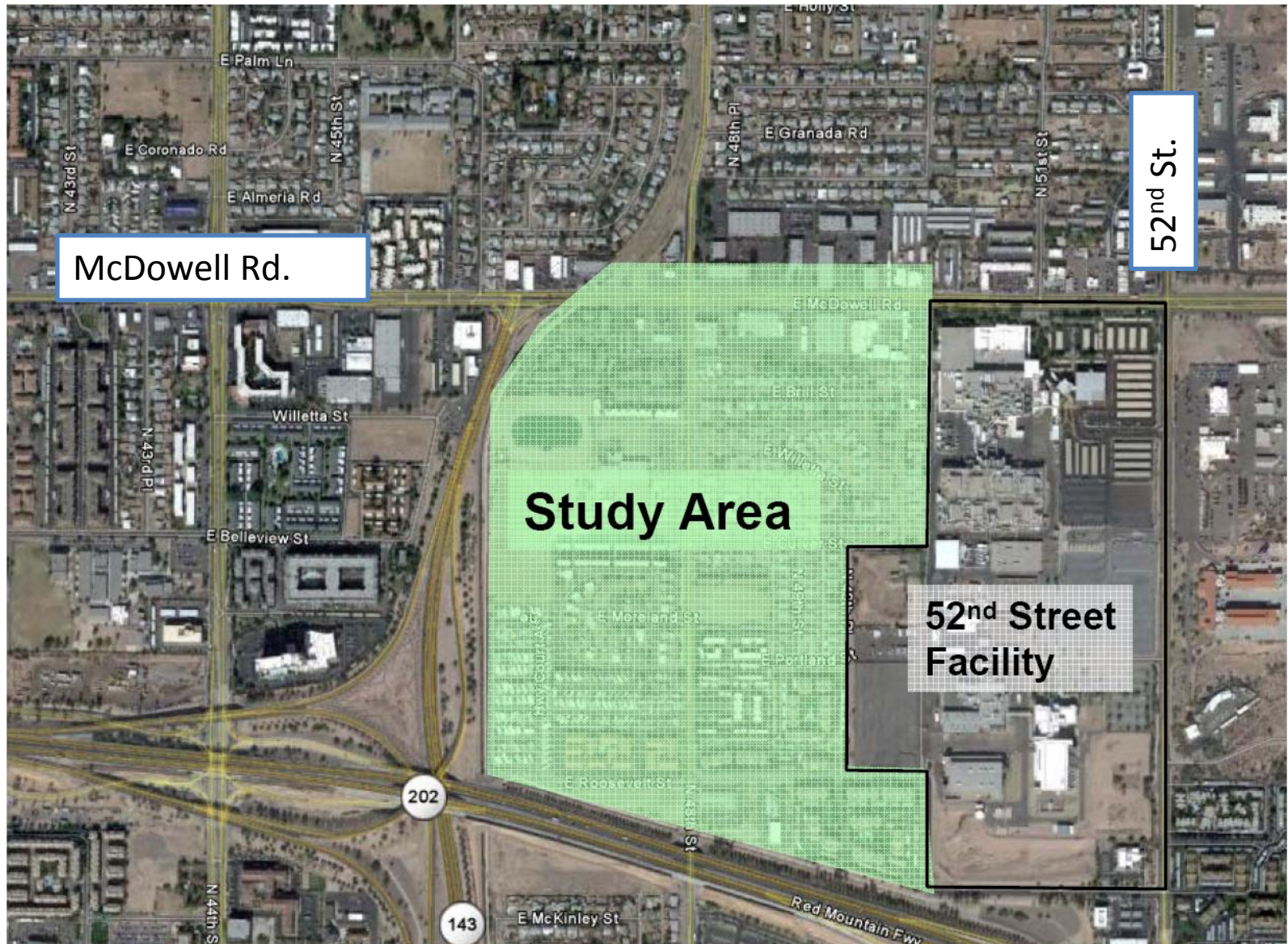
## Tonight we will:

- ✓ Let you know what to expect
- ✓ inform you of the science behind the proposed work plan,
- ✓ answer questions and do our best to address concerns, and
- ✓ consult you regarding issues with the work plan that we may have missed.

# Our promise to the community:

1. **Inform** community of investigation work plan details and **consult** community for input on work plan.
2. **Inform** community of results of investigation and conclusions
3. If indoor air data will be gathered, **inform and consult** community on indoor air sampling work plan
4. **Inform** community on results
5. If action must be taken, **inform and consult** community on possible solutions.

# History



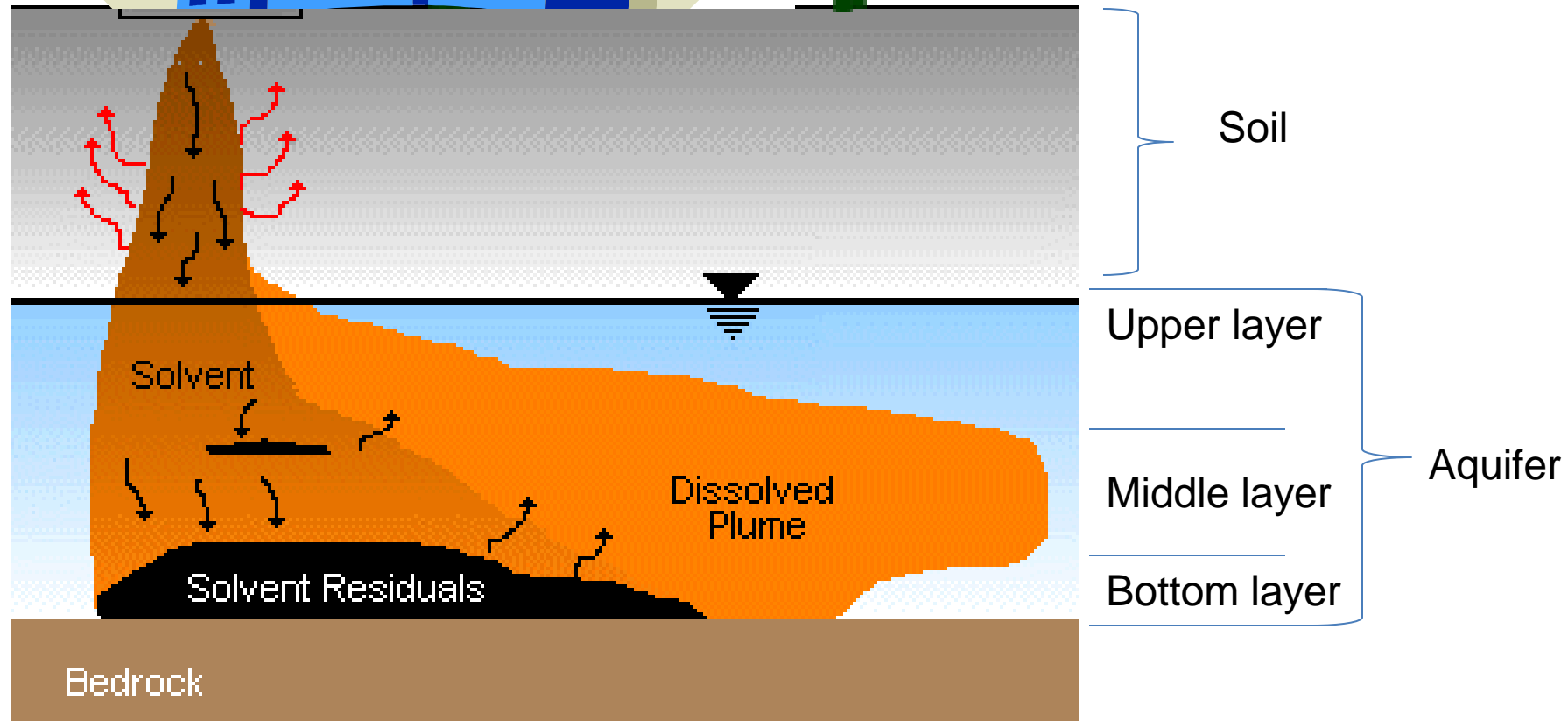


The main contaminants here were volatile organic compounds such as TCE and PCE.



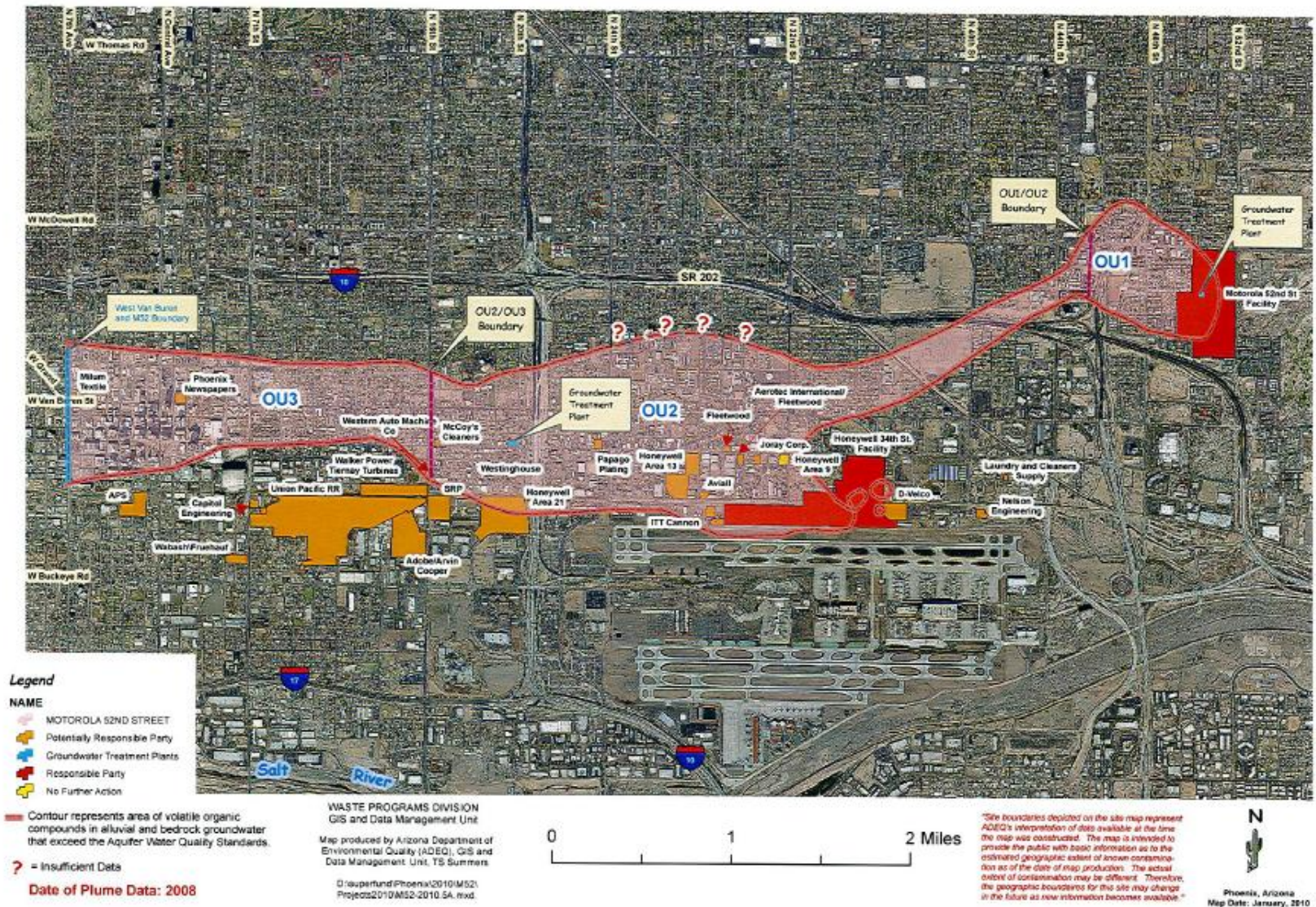
# Where did the chemicals go?

Chlorinated Solvents





# Extent of groundwater contamination

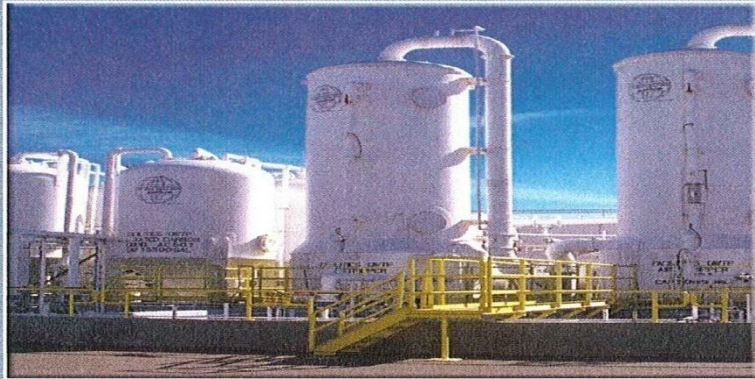




# Interim groundwater remedies:

## Treatment plants

OU1 (on 52<sup>nd</sup> St. facility)  
pump and treat plant: 1992



OU2 (on 20<sup>th</sup> and  
Washington) pump and treat  
plant: 2001

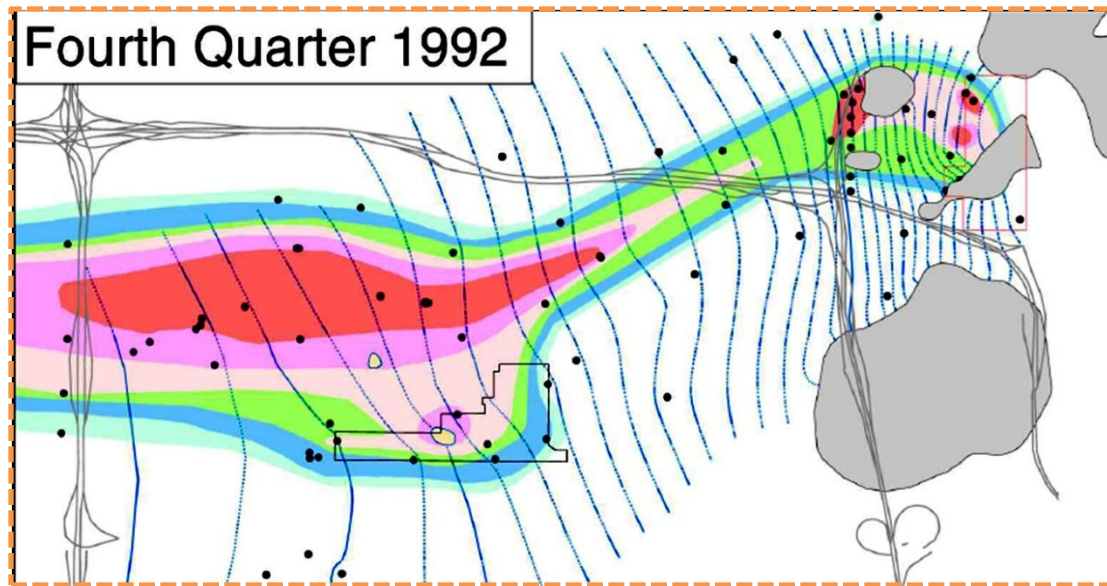
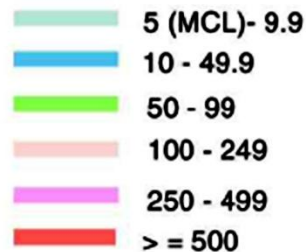


Both treatment plants send the treated water to beneficial use, such as manufacturing processes or irrigation

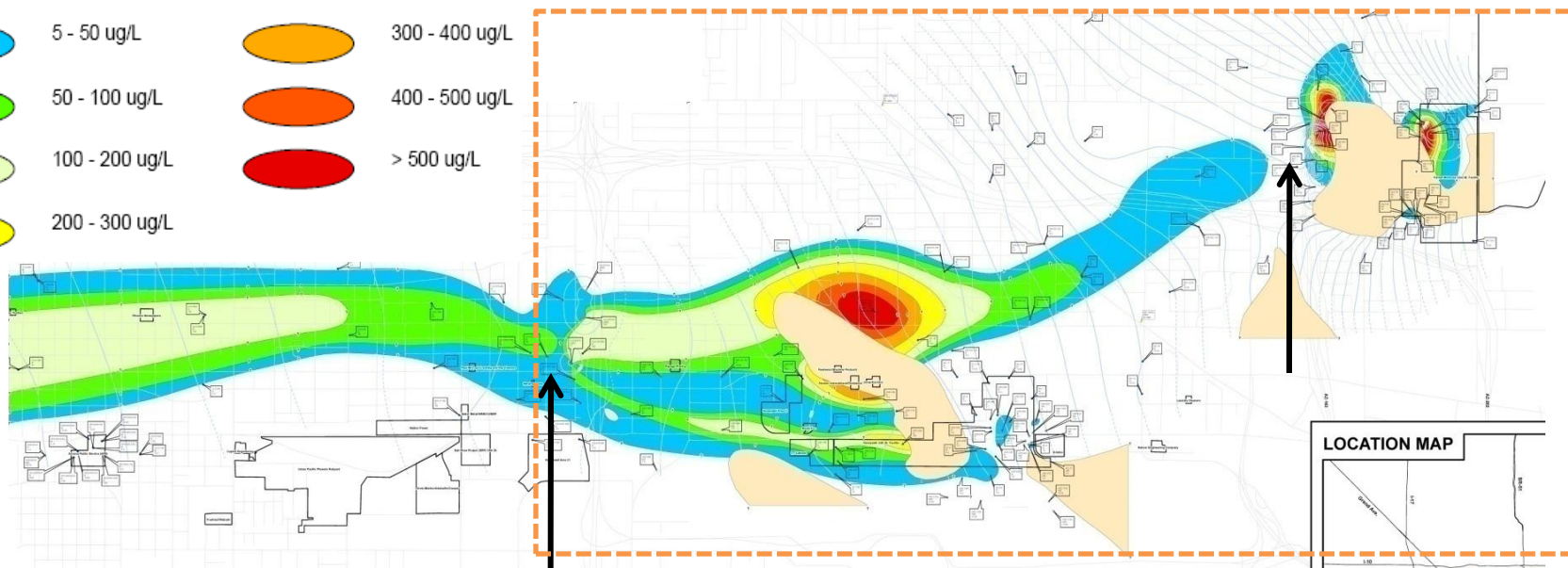


# Progress: Reductions in TCE in overall plume

TCE Contours (Queried (?) where uncertain)



## September 2008



## OU1 (area near 52<sup>nd</sup> St.) TCE concentrations over time

